

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention entitled Video Signal Interpolation Using Motion Estimation

described and claimed in the attached specification;

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application; to the best of my knowledge and belief the same was not in public use or on sale in the United States of America more than one year prior to this application; the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application; I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application; and no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns prior to this application in any country foreign to the United States of America.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint S. E. Hollander (Reg. No. 17924) and John P. McDonnell

(Reg. No. 20978), severally my attorneys, with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

It is respectfully requested that all written communications ~~from the~~ Patent and Trademark Office in connection with this application be addressed to S. E. Hollander, Bell Telephone Laboratories, Incorporated, 600 Mountain Avenue, Murray Hill, New Jersey 07974.

Full name of sole or first joint inventor

40473  
Arun Narayan Netravali

Inventor's signature

Arun Narayan Netravali

Date April 2, 1981

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Full name of  
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Inventor's signature John David Robbins Date 4/3/81

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Full name of third  
joint inventor, if any \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

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Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fourth  
joint inventor, if any \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fifth  
joint inventor, if any \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

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